

Amendments to the Claims:

1. (Currently Amended) A method for notifying entities of events ~~[[I]]~~ in an integrated event notification system comprised of a plurality of heterogeneous systems, ~~a method for notifying entities of events~~, each entity associated with a different one of the heterogeneous systems, the method comprising:

detecting a ~~[[n]]~~ first event of a plurality of events, with the detecting of the first event including monitoring information from a memory for the occurrence of an event and a system which publishes the plurality of events for occurrence of publishing the first event upon occurrence of the first event, wherein occurrence of the first event triggers occurrence of at least ~~one additional~~ a second event resulting from a first response to the occurrence of the first event;

automatically transmitting, in response to the detecting of the first event and without user intervention, a notification to the heterogeneous system associated with a first entity of the first event, the first entity having previously ~~registered~~ subscribed to receive notification of the first event and initiating the first response to the occurrence of the first event, with the automatically transmitting of the notification to the heterogeneous system associated with the first entity including determining whether the first entity has previously ~~registered~~ subscribed to receive notification of the first event; and

automatically transmitting, without user intervention, a notification to the heterogeneous system associated with a second entity of the ~~additional~~ second event, the second entity initiating a ~~further~~ second response to the occurrence of the second event.

2. (Currently Amended) A method for notifying entities of travel-related events ~~[[I]]~~ in an integrated event notification system communicably connecting a plurality of entities, ~~a method for notifying entities of travel-related events~~, the method comprising:

detecting a first travel-related event of a plurality of travel-related events, with the detecting of the first travel-related event including monitoring information from a memory for the occurrence of a travel-related event and a system which publishes the plurality of travel-related events for occurrence of publishing the first travel-related event upon occurrence of the

first travel-related event, wherein occurrence of the first travel-related event triggers occurrence of at least ~~one additional~~ a second travel-related event resulting from performance of a[[n]] first activity in response to the occurrence of the first travel-related event;

automatically transmitting, in response to the detecting of the first travel-related event and without user intervention, a notification to a first entity of the first travel-related event, the first entity having previously ~~registered~~ subscribed to receive notification of the first travel-related event and initiating the first activity in response to the notification, with the automatically transmitting of the notification to the first entity including determining whether the first entity has previously ~~registered~~ subscribed to receive notification of the first travel-related event; and

automatically transmitting, without user intervention, a notification to a second entity of the ~~additional~~ second travel-related event, the second entity initiating performance of an ~~additional~~ second activity in response to occurrence of the second travel-related event.

3. (Currently Amended) The method of claim 1, wherein the second entity initiates a ~~further~~ third response in parallel to multiple heterogeneous systems.

4. (Currently Amended) The method of claim 1, wherein the ~~additional-second~~ event to the occurrence of the event comprises rebooking a passenger on a different flight.

5. (Currently Amended) The method of claim 1, wherein the ~~additional-second~~ event to the occurrence of the event comprises rescheduling ground crew.

6. (Currently Amended) The method of claim 1, wherein the further response comprises: automatically transmitting, without user intervention, a notification to the heterogeneous system associated with a third entity of the ~~additional~~ second event.

7. (Currently Amended) The method of claim 6, wherein the third entity is ~~registered~~ subscribed to receive the notification.

8. (Original) The method of claim 1, wherein the notification occurs in real-time.

9. (Currently Amended) A computer-readable medium containing instructions for controlling a data processing system to perform a method for notifying entities of events, said method comprising the steps of:

detecting a first event of a plurality of events, with the detecting of the first event including monitoring information from a memory for the occurrence of an event and a system which publishes the plurality of events for occurrence of publishing the first event upon occurrence of the first event, wherein occurrence of the first event triggers occurrence of at least ~~one additional~~ a second event resulting from a first response to the occurrence of the first event;

automatically transmitting, in response to the detecting of the first event and without user intervention, a notification to a first entity of the first event, the first entity having previously ~~registered~~ subscribed to receive notification of the first event and initiating the first response to the occurrence of the first event, with the automatically transmitting of the notification to the first entity including determining whether the first entity has previously ~~registered~~ subscribed to receive notification of the first event; and

automatically transmitting, without user intervention, a notification to a second entity of the ~~additional~~ second event, the second entity initiating a ~~further~~ second response to the occurrence of the second event.

10. (Currently Amended) A data processing system for notifying entities of events, comprising,

a memory having program instructions; and

a processor responsive to the program instructions for:

detecting a first travel-related event of a plurality of travel-related events, with the detecting of the first travel-related event including monitoring information from a memory for the occurrence of a travel-related event and a system which publishes the plurality of travel-related events for occurrence of publishing the first travel-related event upon occurrence of the first travel-related event, wherein occurrence of the first travel-related event triggers occurrence

of at least ~~one additional~~ a second travel-related event resulting from performance of a ~~first~~ activity in response to the occurrence of the first travel-related event;

automatically transmitting, in response to the detecting of the first travel-related event and without user intervention, a notification to a first entity of the first travel-related event, the first entity having previously ~~registered~~ subscribed to receive notification of the first travel-related event and initiating the first activity in response to the notification, with the automatically transmitting of the notification to the first entity including determining whether the first entity has previously ~~registered~~ subscribed to receive notification of the first travel-related event; and

automatically transmitting, without user intervention, a notification to a second entity of the ~~additional~~ second travel-related event, the second entity initiating performance of an ~~additional~~ second activity in response to occurrence of the second travel-related event.

11. (Currently Amended) The method of claim 1, wherein the heterogeneous system associated with the second entity does not monitor for the occurrence of the first event or the ~~additional~~ second event.

12. (Previously Presented) The method of claim 1, wherein the heterogeneous system associated with the second entity is a non-listening-receiving system.

13. (Currently Amended) The method of claim 1, wherein the automatically transmitting of the notification to the heterogeneous system associated with the second entity includes determining whether the second entity has previously ~~registered~~ subscribed to receive notification of the ~~additional~~ second event.

14. (Currently Amended) The method of claim 13, wherein:
the first entity having previously ~~registered~~ subscribed to receive notification of the first event comprises the first entity having previously ~~registered~~ subscribed to receive notification of a first type of events,

the second entity has previously ~~registered~~ subscribed to receive notification of a second type of events, and

the first type of events is different from the second type of events.

15. (Currently Amended) The method of claim 14, wherein:

the first type of events is ~~generic-information associated with a plurality of entities, with the generic information that includes including~~ information about a flight being delayed or a baggage claim being changed for an entire flight,

the second type of events is ~~individual-information associated with only a single entity, with the individual information that includes including~~ information about a person having been rebooked on a particular flight.

16. (Currently Amended) The method of claim 2, wherein the automatically transmitting of the notification to the second entity includes determining whether the second entity has previously ~~registered~~ subscribed to receive notification of the ~~additional~~ second travel-related event.

17. (Currently Amended) The method of claim 16, wherein:

the first entity having previously ~~registered~~ subscribed to receive notification of the first travel-related event comprises the first entity having previously ~~registered~~ subscribed to receive notification of a first type of events,

the second entity has previously ~~registered~~ subscribed to receive notification of a second type of events, and

the first type of events is different from the second type of events.

18. (Currently Amended) The method of claim 17, wherein:

the first type of events is ~~generic-information associated with a plurality of entities, with the generic information that includes including~~ information about a flight being delayed or a baggage claim being changed for an entire flight,

Appl. N^o.: 09/891,197
Amdt. dated 09/15/05
Reply to Office action of 4/28/2005

the second type of events is ~~individual information associated with only a single entity,~~
~~with the individual information that includes~~ including information about a person having been
rebooked on a particular flight.

19. (Currently Amended) The medium of claim 9, wherein the automatically
transmitting of the notification to the second entity includes determining whether the second
entity has previously ~~registered~~ subscribed to receive notification of the ~~additional~~ second event.

20. (Currently Amended) The system of claim 10, wherein the automatically
transmitting of the notification to the second entity includes determining whether the second
entity has previously ~~registered~~ subscribed to receive notification of the ~~additional~~ second travel-
related event.